

Date: Thursday, 10/5/2006 3:35:21 PM
 User: Kim Johnston

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services Drawing Name : HARNESS ASSEMBLY
 Job Number : 28877
 Estimate Number : 11380
 P.O. Number : *N/A* Part Number : D3215043
 This Issue : 10/5/2006 S.O. No. : *N/A* Drawing Number : D3215 REV C
 Prsht Rev. : NC Project Number : N/A
 First Issue : *N/A* Type : PURCHASED PARTS Drawing Revision : C
 Previous Run : 28143 Material : *N/A*
 Due Date : 10/24/2006 Qty: 8 Um: Each
 Written By : *[Signature]*
 Checked & Approved By : *[Signature]* 06 10 05
 Comment : Est. A 03.10.28 New Issue KJ/RF

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description :

1.0

PG

PURCHASING



Comment: PURCHASING

Issue P/O: *2197* to Tulmar Safety Systems

D3215-043 as per Dwg D3215

Ship to Tulmar Certificate of Conformity is required

C206110106 (8)

2.0

D3215043

Harness Assembly



Comment: Qty.: 0.0000 Each(s)/Unit Total : 0.0000 Each(s)

Harness Assembly

3.0

D32153

Webbing Tidy



Comment: Qty.: 2.0000 Each(s)/Unit Total : 16.0000 Each(s)

Webbing Tidy

Qty Part Number Description Batch

2 D3215-3 Webbing Tidy *6XB28144 / 10XB28878*

4.0

D32161

Fitting



Comment: Qty.: 2.0000 Each(s)/Unit Total : 16.0000 Each(s)



Fitting

Qty Part Number Description Batch

2 D3216-1 Fitting *B28145*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes ☒ No ☐ DQA: 2 Date: 06/10/27
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
06.10.26	1	Total length of belt 0.25" too long.	UP 06.10.26 P+ QSI 042	PART IS OK. LENGTH DIFFERENCE IS INSIGNIFICANT. SEE ATTACHED DS EMAIL	CY 06/10/27	 06.10.26	UP 06.10.26 P+ QSI 042	 06.10.26

NOTE: Date & initial all entries

Date: Thursday, 10/5/2006 3:35:21 PM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: HARNESS ASSEMBLY

Job Number: 28877

Part Number: D3215043

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

D32163

Fitting



Comment: Qty.: 1.0000 Each(s)/Unit Total : 8.0000 Each(s)

Fitting

Qty Part Number Description Batch

1 D3216-3 Fitting B 28146

6.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Receive & Inspect For Transit Damage

Ensure certificate of conformity is attached

7.0

QC6

DIMENSIONAL CHECK



Comment: DIMENSIONAL CHECK

8.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: _____

9.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



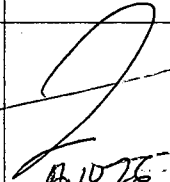
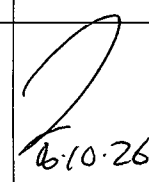
W 06.10.27

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

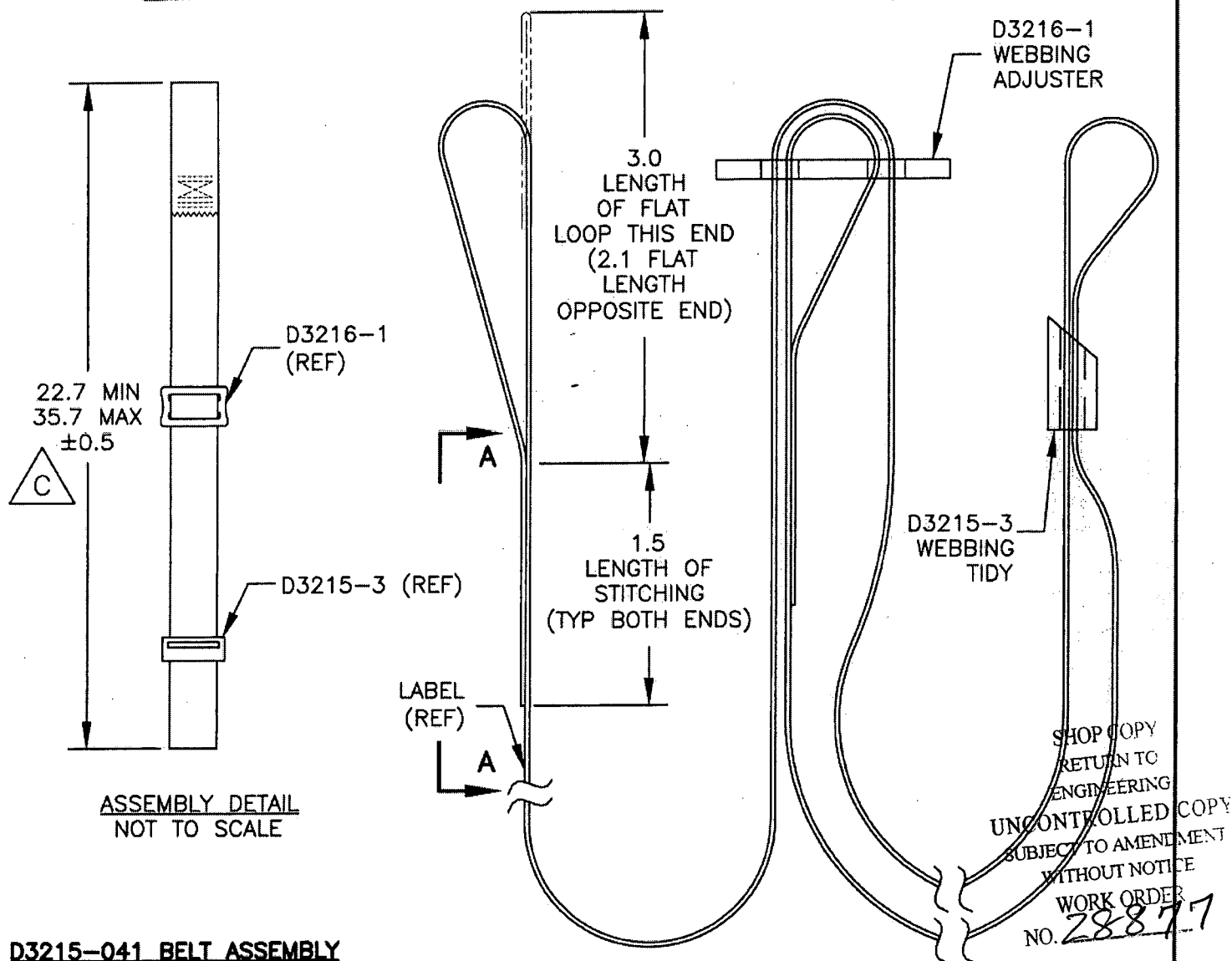
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
06-10-26	7.0	Belts Are 250" over Tol. From Supplier		Acceptable as per e-mail.		 06-10-26		 06-10-26

NOTE: Date & initial all entries



DESIGN	<i>P</i>	DRAWN BY	<i>P</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>#</i>	APPROVED	<i>#</i>	DRAWING NO: D3215	REV. C SHEET 1 OF 3
DATE	04.03.05			TITLE BELT ASSEMBLY	SCALE NTS
A	03.09.19			NEW ISSUE	
B	04.01.12			AS MANUFACTURED; ADD TOLERANCE	
C	04.03.05			REDUCE LENGTH; CLARIFY STITCHING	

RELEASED
04.03.08



D3215-041 BELT ASSEMBLY

- MATERIAL: WEBBING = LAGRAN CANADA INC. 26472
(2" WIDE x 0.060" THICK BLACK POLYESTER WEBBING, CERTIFIED TO FAR 29.853A3, TENSILE STRENGTH 5700 lb MIN)
THREAD = VT 295 TYPE II CLASS A SIZE 3, BLACK NYLON THREAD
LABEL = TYVEK
- ALL DIMENSIONS ARE IN INCHES
- TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.

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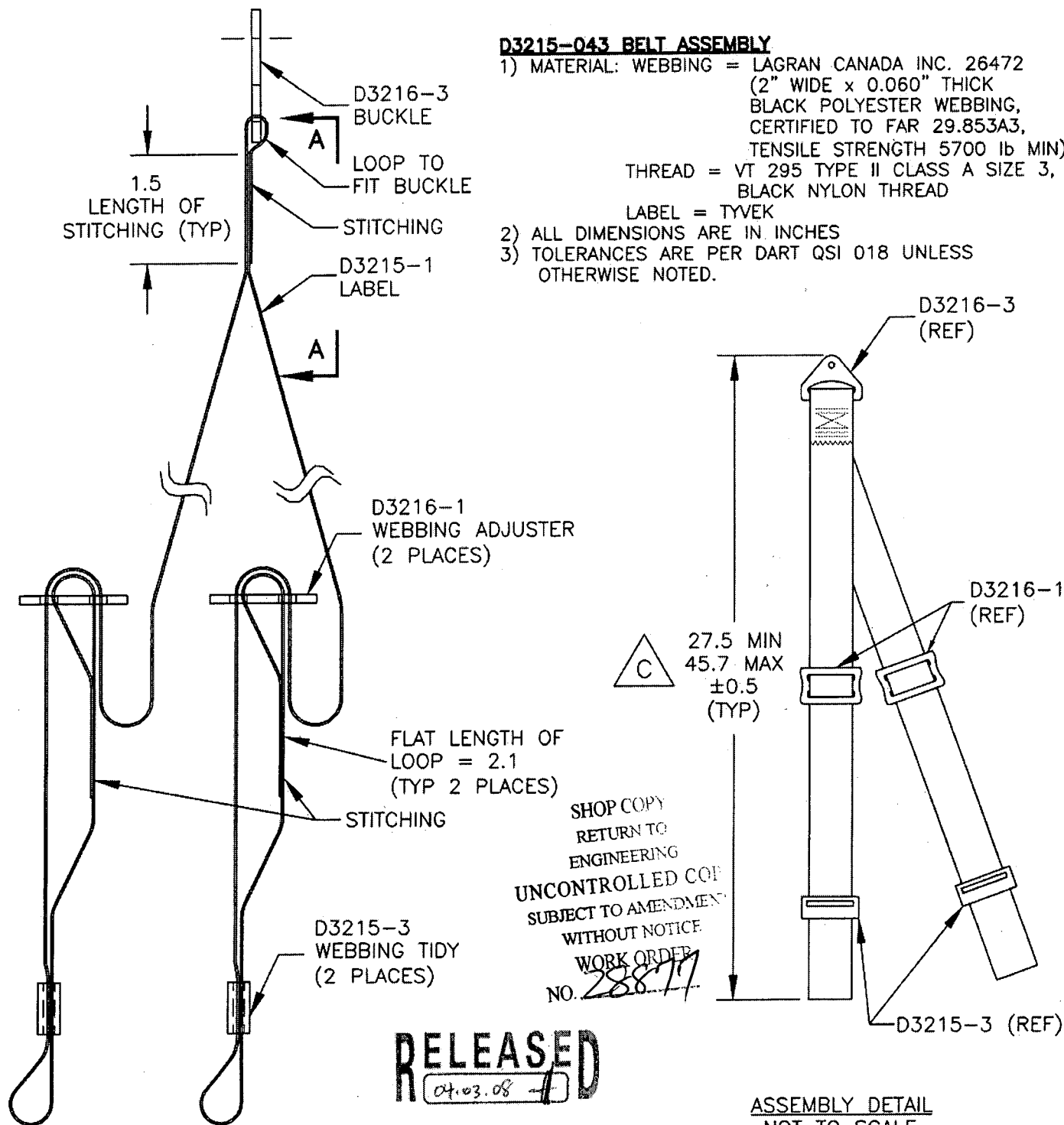
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DESIGN CP	DRAWN BY CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED H	APPROVED H	DRAWING NO. D3215	REV. C SHEET 2 OF 3
DATE 04.03.05		TITLE BELT ASSEMBLY	SCALE NTS

D3215-043 BELT ASSEMBLY

- 1) MATERIAL: WEBBING = LAGRAN CANADA INC. 26472
(2" WIDE x 0.060" THICK
BLACK POLYESTER WEBBING,
CERTIFIED TO FAR 29.853A3,
TENSILE STRENGTH 5700 lb MIN)
THREAD = VT 295 TYPE II CLASS A SIZE 3,
BLACK NYLON THREAD
LABEL = TYVEK
- 2) ALL DIMENSIONS ARE IN INCHES
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS
OTHERWISE NOTED.



ASSEMBLY DETAIL
NOT TO SCALE

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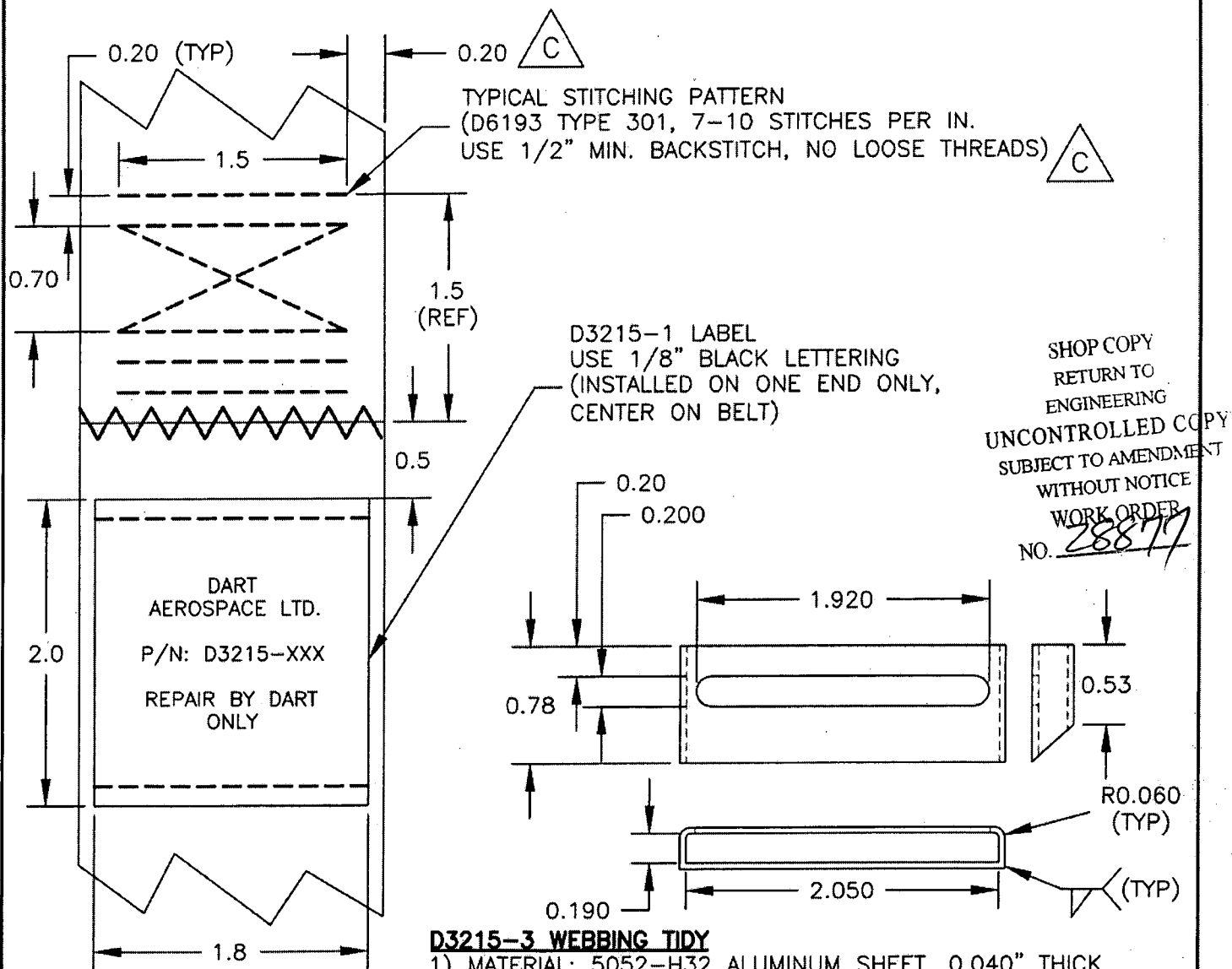
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DESIGN CP	DRAWN BY CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED H	APPROVED H	DRAWING NO. D3215	REV. C SHEET 3 OF 3
DATE 04.03.05		TITLE HARNESS ASSEMBLY	SCALE 1:1

VIEW A-A

XXX = 041 FOR D3215-041
XXX = 043 FOR D3215-043



RELEASED
04.03.08

D3215-3 WEBBING TIDY

- 1) MATERIAL: 5052-H32 ALUMINUM SHEET, 0.040" THICK
(REF DART SPEC. M5052H32S.040)
- 2) WELD PER DART QSI 004
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 3) FINISH: POWDER COAT BLACK SANDTEX (4.3.5.7) PER
DART QSI 005 4.3
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE
NOTED

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RELEASE NOTE

TULMAR

Tulmar Safety Systems Inc.

1123 Cameron Street
Hawkesbury, ON K6A 2B8 CA
Tel: 613-632-1282
Fax: 613-632-2030
www.tulmar.com
email: info@tulmar.com

COPY

Release Note No.

R92-23867

Ship Date

26-Oct-06

Bill No:

Dart Aerospace

1270 Aberdeen Street
Hawkesbury, ON K6A 1K7. Canada

Ship To:

Dart Aerospace

1270 Aberdeen Street
Att: Main Finished Goods Location
Hawkesbury, ON K6A 1K7. Canada
613-632-3336

Order No.	Order Date	Customer No.	Sales Rep.
18335	10-Oct-06	CDART100	Barney Bangs
Customer PO Number	Ship Via	Packing Slip No.	
PO00002197 ✓	Pick-Up	23867	
Item No.	Qty	UOM	Qty Shipped/Returned
Description			Qty Backordered

8937	36	EA	36
Belt Ass'y, 1/2" wide, Black Webbing			
Drawing No: D3215-041			
Rev: C			

Item 1

Lot No: BATCH0000000017 Qty: 36

8938	8	EA	8
Belt Ass'y, 1/2" wide, black Webbing			
Drawing No: D3215-043 ✓			
Rev: C			

Item 2

Lot No: BATCH0000000012 Qty: 8

If any questions or concerns, please contact QA Manager @ 613-632-1282 ext. 245.

This release note is a Certificate of Conformance and I hereby certify that the items listed hereon have been inspected, tested and conform to all specifications and requirements detailed in the contract or purchase order. Objective evidence to support this release note is on file, and can be made available upon request.

La Liberte

Authorized Inspector

10/26/2006

Date

Chris Provencal

From: David Shepherd [dshepherd@dartaero.com]
Sent: October 26, 2006 2:51 PM
To: 'Chris Provencal'
Subject: RE: NCR D3215-043

Parts are still acceptable.

David

From: Chris Provencal [mailto:cprovencal@dartaero.com]
Sent: Thursday, October 26, 2006 11:57 AM
To: 'David Shepherd'
Subject: RE: NCR D3215-043

David,

The part number is actually D3215-043. The issue is the same.

Chris

From: David Shepherd [mailto:dshepherd@dartaero.com]
Sent: October 26, 2006 1:39 PM
To: 'Chris Provencal'
Subject: RE: NCR D3215-041

Acceptable deviation.

David

From: Chris Provencal [mailto:cprovencal@dartaero.com]
Sent: Thursday, October 26, 2006 11:32 AM
To: 'David Shepherd'
Subject: NCR D3215-041

David,

We have a deviation on the D3215-041 shoulder belt assemblies from Schroth (rear facing seats), the drawing allows a total length of 45.7 +/- 0.5" MAX. Jason is measuring them as being 0.25" longer than the allowable tolerance. This affects several received in our latest shipment. I don't see a problem with this as there is no strength issues involved, and the belt is adjustable. This is supposedly a rushed work-order that they need to ship out asap.

Chris

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No virus found in this outgoing message.
Checked by AVG Free Edition.

26/10/2006